

*Telephone**IT-B5**Operating Instructions*

Before operating the unit, please read this manual thoroughly and retain it for future reference.



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IMPORTANT SAFETY INSTRUCTIONS

**When using your telephone equipment,
basic safety precautions should always be followed
to reduce the risk of fire, electric shock and injury to persons,
including the following:**

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
8. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
9. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
10. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. If liquid has been spilled into the product.
 - B. If the product has been exposed to rain or water.
 - C. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - D. If the product has been dropped or the cabinet has been damaged.
 - E. If the product exhibits a distinct change in performance.
11. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
12. Do not use the telephone to report a gas leak in the vicinity of the leak.

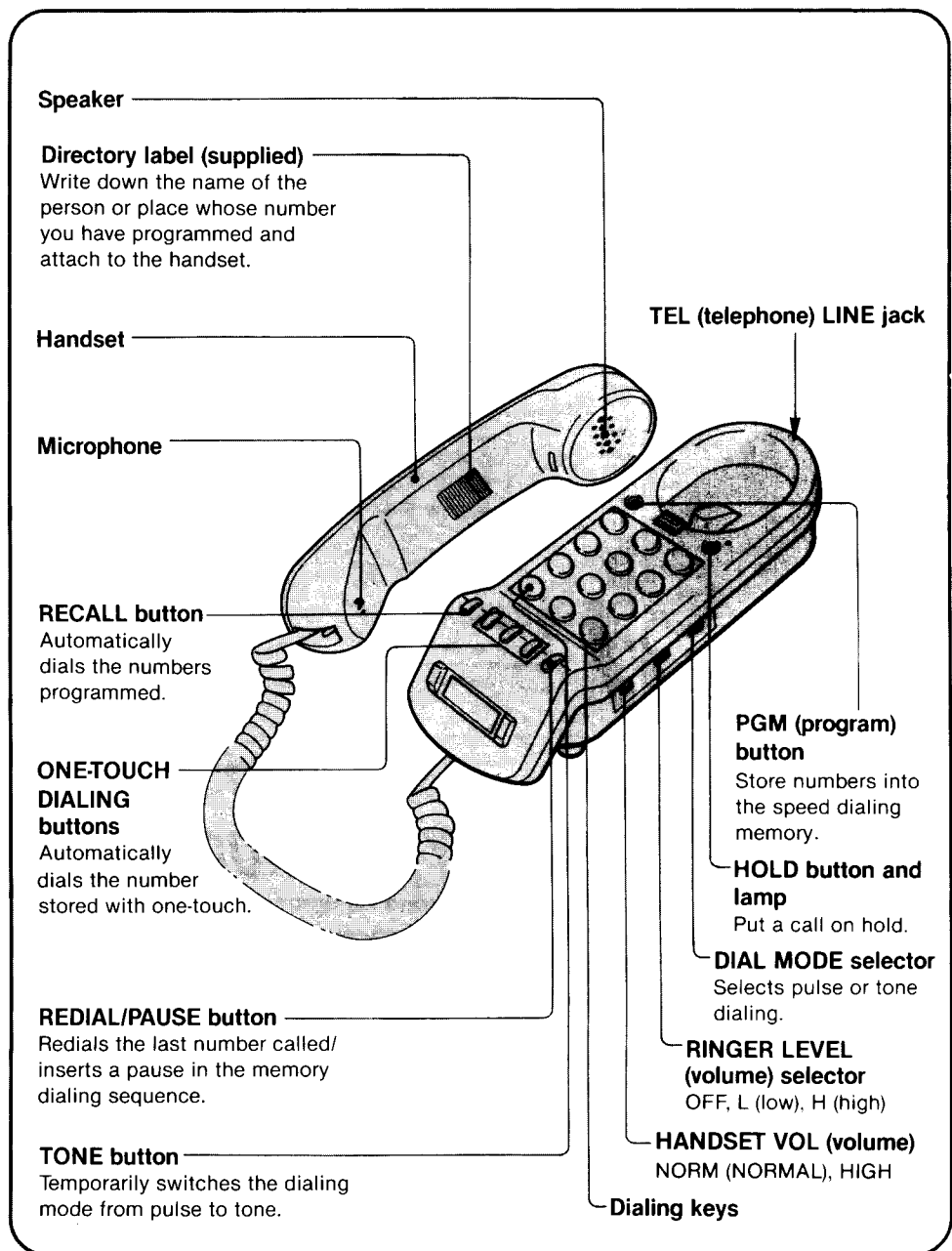
SAVE THESE INSTRUCTIONS

Warning

To prevent fire or shock hazard, do not expose the set to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Looking at Your Phone



1 Setting up the Phone

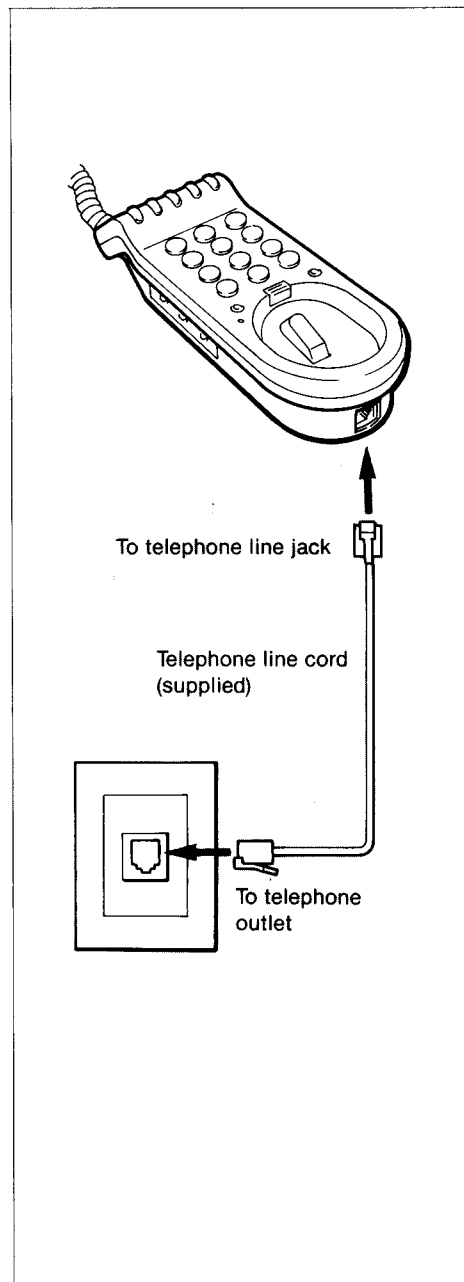
Telephone Line Connection

If your telephone outlet is not a modular type, please contact your telephone company for assistance.

Selecting the DIAL MODE (pulse or tone)

If you do not know which setting is correct for your telephone line, check as follows. The unit is preset to T (tone).

- 1 Make sure the DIAL MODE selector located on the side of the base unit is set to T.
- 2 Make a trial call.
- 3 If the call is connected, leave the selector at T. Otherwise, set the selector to P (pulse).

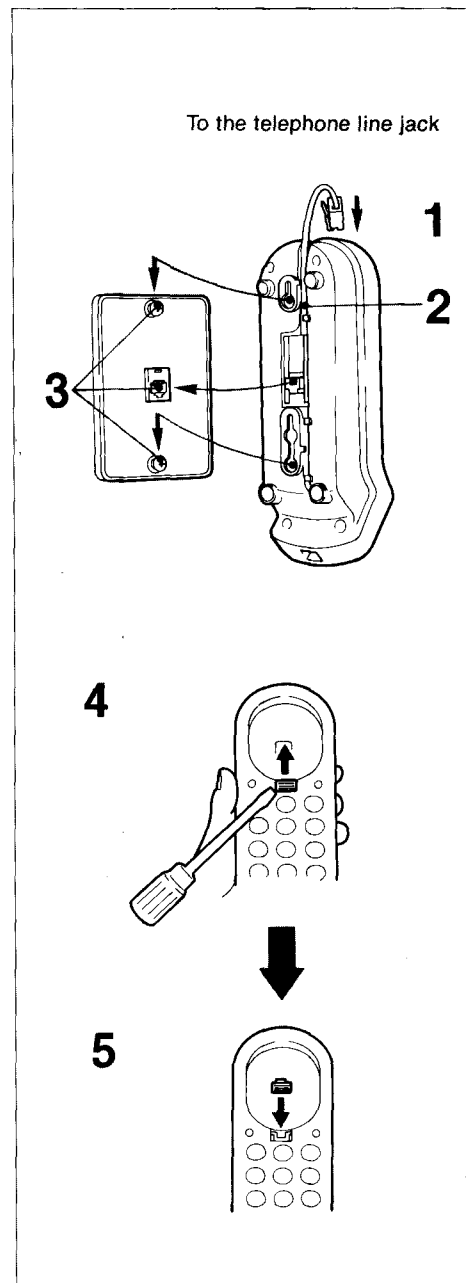


P		T	T: For tone type phone line.
DIAL MODE			
P		T	P: For pulse dial phone line.
DIAL MODE			

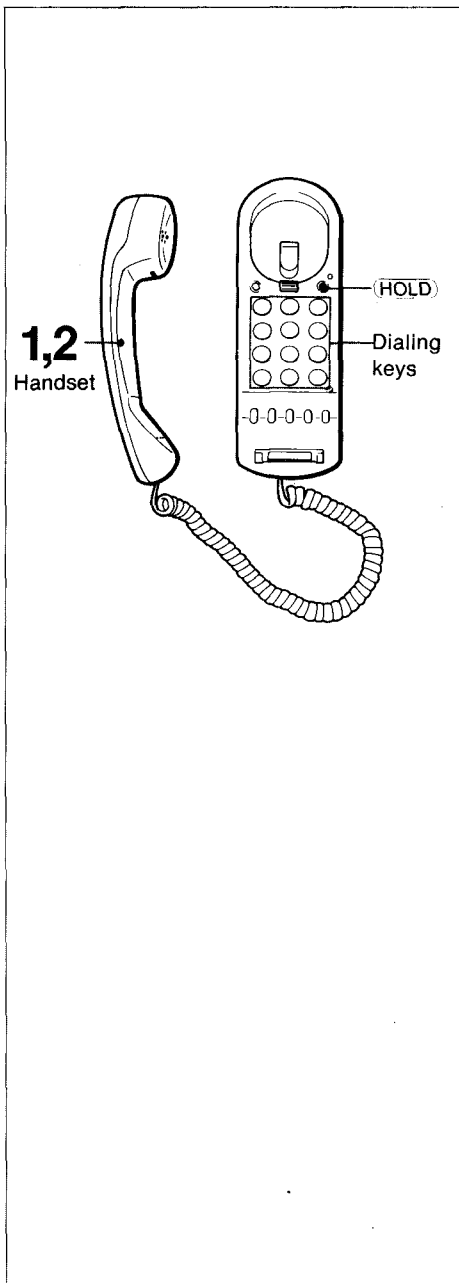
Mounting Your Phone on the Wall

When you use the phone on the wall, mount it as follows:

- 1** Plug the shorter telephone line cord into the telephone line jack.
- 2** Insert the telephone line cord in the bracket.
- 3** Hook the bracket to the telephone outlet.
- 4** Raise the hanger for the handset to remove.
- 5** Reverse the hanger and insert it.



2 Making/Receiving Calls



Use as you would any standard phone.

- 1** Lift handset to place or receive calls. To dial a number, listen for dial tone, then press appropriate buttons.
- 2** Replace handset when you have completed your call.

This phone is Hearing Aid Compatible.

Putting a Call on Hold

Press **HOLD** and put the handset on hook. The **HOLD** lamp lights up. No sound comes over the line. To resume conversation, pick up the handset again.

To resume conversation on an extension phone (connected to the same telephone line), pick up the handset on the extension phone.

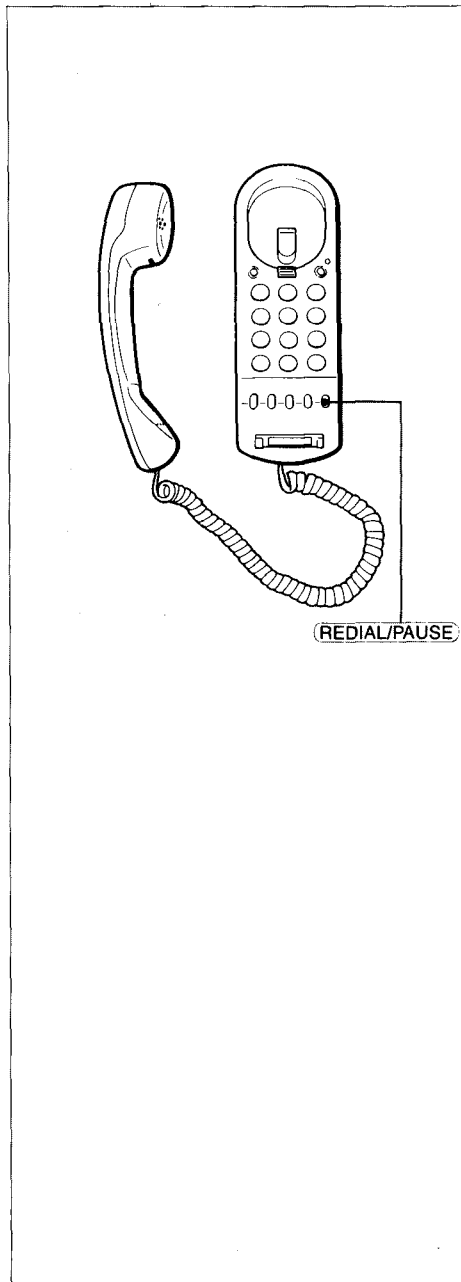
Adjusting the Ringer Volume

To adjust the ringer sound level, select **H**, **L** or **OFF** by using the **RINGER LEVEL** (volume) selector of the phone.

Adjusting the Handset Volume

To adjust the handset sound level, select **NORM** or **HIGH** by using the **HANDSET VOL** (volume) selector of the phone.

3 Redialing a Number



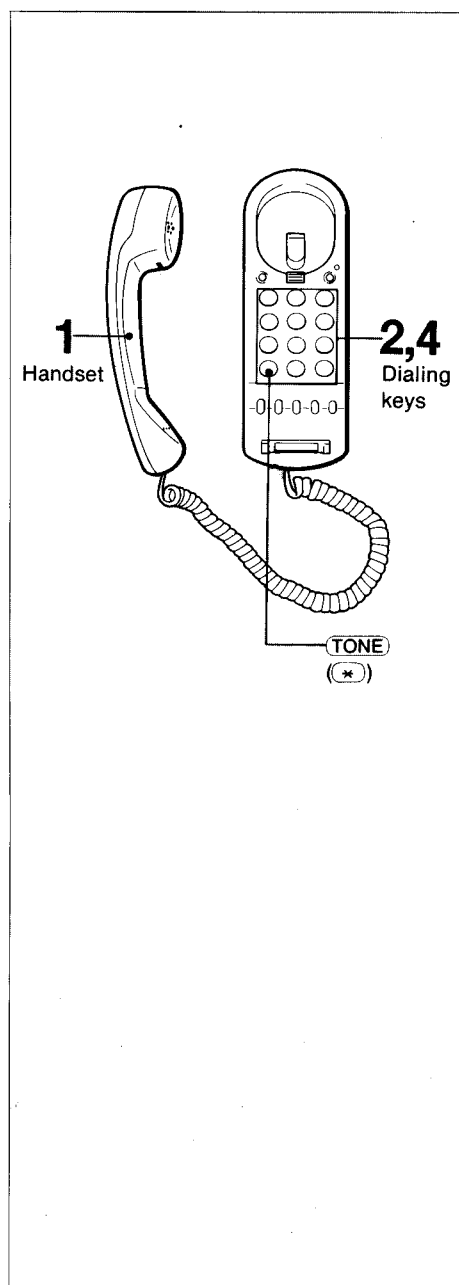
If the line is busy when you call someone, or you want to call again someone you just called, there is no need to dial the number again manually. The REDIAL/PAUSE button automatically redials the most recently dialed number.

Press **REDIAL/PAUSE** instead of dialing the number.

Note

You can redial a phone number of up to 31 digits.

4 Using Your Long-distance Service



Some services, such as MCI, Sprint and other alternative long-distance companies may require the distinct tones generated by a push-button (tone type) phone. If you have pulse-dial service, you can still access these services through a process called "mixed dialing".

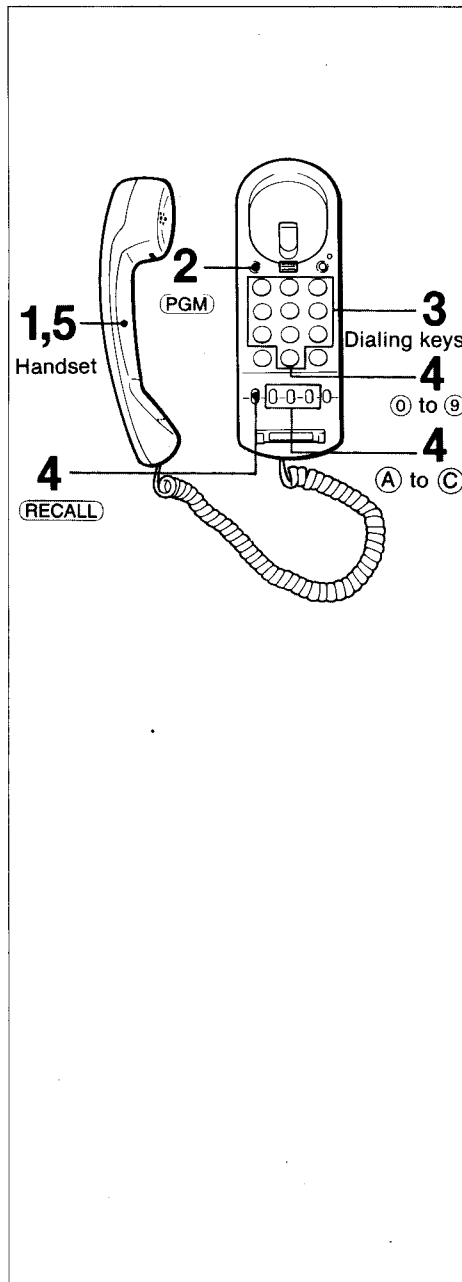
- 1** Pick up the handset.
- 2** Dial the access number of the service you want to use.
- 3** After you are connected to the service, press TONE (*). (This switches your phone temporarily to emit tone signals.)
- 4** Dial the long-distance number when instructed by the long-distance company.

When you hang up, the phone automatically switches back to pulse.

Note

The above is a typical example. Actual sequence will vary according to the service you are using.

5 Memory Dialing



You can program 13 numbers into memory for automatic one-touch dialing (A to C) and speed dialing (0 to 9).

Note

You can program a phone number of up to 15 digits for each one-touch button and speed dialing location. (Dialing keys including * and REDIAL/PAUSE will each be counted as one digit.)

Programming Numbers

- 1 Pick up the handset.
- 2 Press PGM.
- 3 Dial the phone number you wish to program.
- 4 Select the desired ONE TOUCH DIALING (A to C) or press RECALL and the desired number key (0 to 9).
- 5 Replace the handset.

To change a programmed number

Program a new number using the procedure above. The old number will be erased automatically.

Note

- If you enter a wrong number, replace the handset and go back to step 1.
- To store another telephone number, start from step 1.

Making Calls through Memory

One-touch Dialing (A to C)

- 1** Pick up the handset.
- 2** Press the one-touch dialing button for the desired phone number.

Speed Dialing (0 to 9)

- 1** Pick up the handset.
- 2** Press (RECALL).
- 3** Press a number key (0 to 9) for the desired phone number.

To program memory use with a PBX (Private Branch Exchange)

Press REDIAL/PAUSE, and a 4-second pause is automatically programmed.

Example: (Suppose that 9 is used to access the outside line.)

To program 123-4567 on a one-touch or a speed dialing button.

Press:

PGM → 9 REDIAL/PAUSE →

1 2 3 4 5 6 7 → one-touch dialing button, A to C (or RECALL → number key, 0 to 9)

(A REDIAL/PAUSE will be counted as one digit.)

Precautions

- Do not install the phone in a location near a heat source such as radiators or airducts, or in a place subject to direct sunlight, excessive dust, moisture, rain, mechanical vibration, or shock.
- Do not place the phone on or near a TV set or a personal computer to avoid interference.
- Should any liquid or solid object fall into the phone, unplug the phone and have it checked by qualified personnel before operating the phone any further.
- This telephone is designed and approved for single-party line only. It should not be connected to two-party lines, multiple lines or a coin telephone.

If you have any question or problem concerning your telephone that is not covered in this manual, please consult the nearest Sony Service Station authorized to service telephone terminal equipment.

If You Have a Problem

No dial tone.	• Plug the telephone line cord securely into the telephone line jack.
You are connected to the wrong number, or not connected at all, even though you dialed correctly.	• Check if the DIAL MODE selector setting is correct.
The redialing function does not operate.	• Check if the last number you dialed was more than 31 digits long. • Check if the number you intended to call was really the last number you dialed.
The memory function does not operate.	• Check if there is a phone number correctly programmed for the one touch dialing or the speed dialing location you pressed. • Pick up and replace the handset. • Program the desired phone number once more.
You cannot program a phone number.	• Recheck to follow the programming procedures correctly. • Check if a phone number programmed is more than 15 digits long.

Specifications

Dial signal	Tone, 10 PPS (pulse) selectable
Dimensions	Approx. $71.6 \times 82 \times 206$ mm (w/h/d) (Approx. $7/8 \times 3 1/4 \times 8 1/8$ inches)
Weight	Approx. 0.52 kg (including attachments) (Approx. 1 lb 2.5 oz)
Supplied accessories	Telephone line cord: 2m (6 ft.) (1), 15 cm (6 in.) (1) Directory label (1 sheet)

Design and specifications subject to change without notice.

Safety Regulations

SERVICE REQUIREMENTS

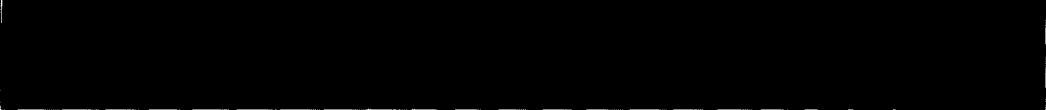
If your IT-B5 model should malfunction, all repairs will be performed by an authorized Sony Service Station. This unit has been registered within the FCC for direct connection to the telephone network. Under the FCC program, no customer is authorized to repair this unit. This applies to a unit in and out of warranty. If an unauthorized repair is performed, the registration of the unit for direct connection to the network will be null and void. If the unit is still in warranty, the remainder of the warranty period will also be null and void.

It is the responsibility of users requiring service to report the need for service to their Sony dealer.

IMPORTANT INSTRUCTIONS TO USERS

Your IT-B5 has been approved by the Federal Communications Commission (FCC) as not being harmful to the telephone network when connected directly to the telephone lines. In order to fully comply with the Rules of the FCC, the following instructions should be read carefully and followed completely where applicable:

1. The FCC rules require that all direct connection to the telephone lines must be made through standard plugs and jacks. No connection can be made to party lines or coin lines. Prior to connecting your device to the lines:
 - a) Upon request from your telephone company, you must provide the 14 digit FCC Registration Number and Ringer Equivalence Number, both of which are on a label located on an outer surface of the device.
 - b) After the telephone company has installed the jack, you can connect your IT-B5 by inserting the mating plug of your equipment into this jack.
 - c) All repairs must be accomplished as described in the "Service requirements".
 - d) The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.
2. If it appears that your IT-B5 is malfunctioning, it should be disconnected from the telephone line until it can be determined whether your IT-B5 is the source of the trouble or not. If your machine needs repair, it should not be reconnected until such repairs have been made.

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3. If harm does occur, the telephone company shall, where practicable, notify you, the customer, that temporary discontinuance of service may be required; however, where prior notice is not practical, the telephone company may temporarily discontinue service forthwith, if such action is reasonable in circumstances. In case of such temporary discontinuance, the telephone company shall (1) promptly notify you, the customer, of such temporary discontinuance (2) afford you, the customer, the opportunity to correct the situation which gave rise to the temporary discontinuance, and (3) inform you, the customer, of your right to bring a complaint to the Commission pursuant to the procedures set forth in the Rules. Procedures for filling the complaints can be obtained from your local dealer, or if necessary, by writing directly to the manufacturer.
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WARRANTY

SONY®

TELEPHONE PRODUCTS

LIMITED WARRANTY

SONY CORPORATION OF AMERICA ("SONY") warrants this product against defects in material or workmanship, as follows:

1. For a period of 1 year from the date of purchase, SONY will pay the labor charges of your SONY authorized service facility to repair the defective product. After this 1 year period, you must pay for all labor charges.
2. In addition, SONY will supply, at no charge, new or rebuilt replacements for defective parts for a period of 1 year from the original date of purchase.

To obtain warranty service, you must take the product, or deliver the product prepaid, to a SONY authorized service facility.

This warranty does not cover cosmetic damage, and damage due to acts of God, accident, misuse, abuse, or negligence to this product including the antenna. This warranty is valid only in the United States of America.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the warranty period must be presented to obtain warranty service.

This warranty is valid only if the serial number appears on the product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For your convenience, Sony Corporation of America has established the Customer Information Center to supply you with product or service information.

Important: If returning product for service, please see reverse side of this card for your nearest Sony Service Center.

**TELECOMMUNICATIONS
HELPLINE
(201) 391-6111**

PLEASE CALL US WITH YOUR
QUESTIONS AND COMMENTS ON
SONY TELEPHONE PRODUCTS

SONY CORPORATION OF AMERICA
Sony Drive, Park Ridge, New Jersey 07656

Sony Service Centers

Arizona Phoenix 2240 North Scottsdale Road Tempe, AZ 85281 (602) 949-7669	Hawaii Honolulu 950 Mapunapuna Street Honolulu, HI 96819 (808) 834-6622	Missouri St. Louis 12462-D Natural Bridge Road Bridgeton, MO 63044 (314) 291-2201
California Burbank (Los Angeles area) 4100 Riverside Drive, Suite A Burbank, CA 91505 (818) 842-7669	Illinois Chicago 1730 West Fullerton, Suite 4 Riverpoint Shopping Center Chicago, IL 60614 (312) 929-8585	New Jersey Mahwah (N.Y. Metropolitan Area) 386 Route 17 South Mahwah, NJ 07430 (201) 529-1655
Costa Mesa (Orange County area) 2729 Bristol Street South Costa Mesa, CA 92626 (714) 549-4833	Niles (Chicago N.W.) 7540 North Caldwell Avenue Niles, IL 60648 (708) 647-2400	Union Bradlees Shopping Center US Highway 22 At Morris Avenue Union, NJ 07083 (201) 687-5555
San Bruno (San Francisco area) 751 Camino Plaza San Bruno, CA 94066 (415) 871-2810	Westmont (Chicago S.W.) 6036-38 South Cass Avenue Westmont, IL 60559 (708) 969-0049	Ohio Cleveland 6370 York Road Parma Heights, OH 44130 (216) 845-7669
San Diego 8975 Complex Drive San Diego, CA 92123 (619) 279-2724	Kansas Kansas City 11712 West 95th Street Overland Park KS 66214 (913) 888-2622	Pennsylvania Philadelphia 651 Park Avenue King of Prussia, PA 19406 (215) 768-8850
San Jose 1359 Old Oakland Road San Jose, CA 95112 (408) 280-7669	Maryland (Washington D.C.) Washington D.C. 5300 Sunnyside Avenue Beltsville, MD 20705 (301) 595-1818	Pittsburgh Wexford Plaza 10610 Perry Highway (Rt. 19N) Wexford, PA 15090 (412) 935-8466
Colorado Denver Havana Place Center 10740 East Iliff Avenue Aurora, CO 80014 (303) 755-7669	Massachusetts Boston 390 University Avenue 128 Westwood Industrial Center Westwood, MA 02090 (617) 329-5130	Texas Dallas 401 Preston Valley Shopping Center Dallas, TX 75230 (214) 661-3537
Fort Lauderdale 2850 North 28th Terrace Hollywood, FL 33020 (305) 920-5600	Michigan Detroit 43304 Eleven Mile Road Novi, MI 48050 (313) 344-4044	Houston 7639 Westheimer Houston, TX 77063 (713) 783-8761
Georgia Atlanta 120 Interstate North Parkway East Suite 410 Atlanta, GA 30339 (404) 953-5871	Minnesota Minneapolis 4300 W. 36 1/2 Street St. Louis Park, MN 55416 (612) 920-8000	Washington Seattle 835 Fidalgo Seattle, WA 98108 (206) 762-6500

Sony District Service Offices

Western Zone Western District Sony Service Company 2729 Bristol Street South Costa Mesa, CA 92626 (714) 549-4836	Central Zone Mid-West District Sony Service Company 1200 N. Arlington Heights Rd. Itasca, IL 60143 (708) 773-7666	Eastern Zone Eastern District Sony Service Company 386 Route 17 South Mahwah, NJ 07430 (201) 529-1616
Northwestern District Sony Service Company 1359 Old Oakland Road San Jose, CA 95112 (408) 280-7675	East Central District Sony Service Company 26200 Town Center Drive, Suite 300 Novi, MI 48050 (313) 347-2251	Mid-Atlantic District Sony Service Company 651 Park Avenue King of Prussia, PA 19406 (215) 768-8845
Southwestern District Sony Service Company 3201 Premier Dr., Suite 100 Irving, TX 75063 (214) 550-5270		Southeastern District Sony Service Company 120 Interstate North Parkway East Suite 414 Atlanta, GA 30339 (404) 953-5858